



# SNORKEL KIT

(2010-2024 4RUNNER)

## INSTALLATION INSTRUCTIONS

### CONTENTS

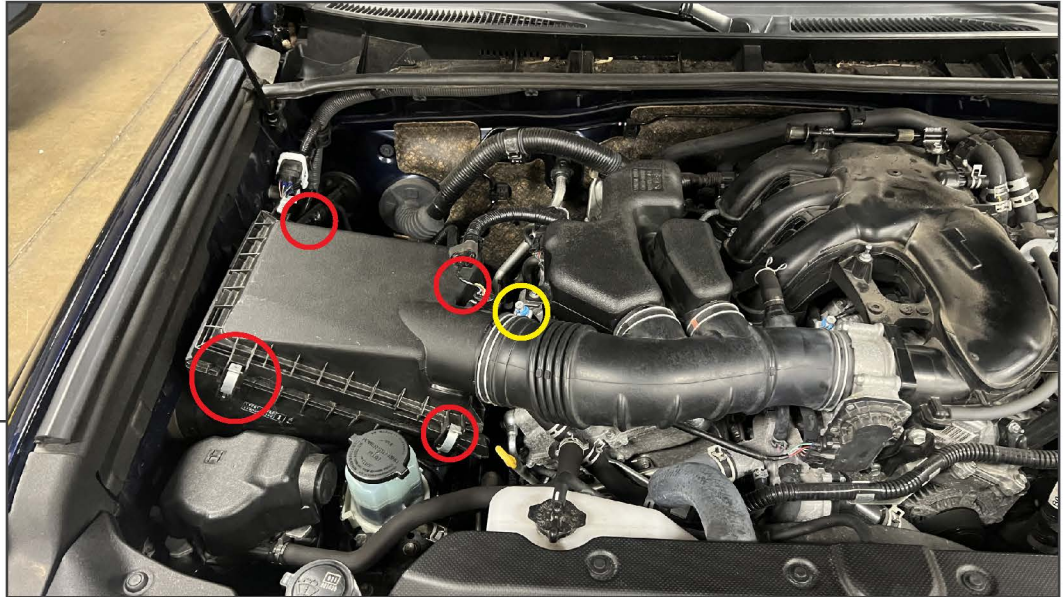
- (1) Snorkel Tube
- (1) Snorkel Top Hat
- (1) Intake Coupler
- (1) Foam Gasket
- (1) Drilling Template
- (1) A-Pillar Mounting Bracket
- (1) Large Hose Clamp
- (2) Small Hose Clamp
- (6) M8x1.25 Studs
- (6) M8 Flat Washers
- (6) M8 Lock Nuts
- (2) M6x1.00 Combo Hex Bolts
- (3) Rivets

### TOOLS REQUIRED

- Power Drill
- 3/16", 5/16" Drill Bit
- Center Punch
- Rivet Gun
- Masking Tape
- 7, 8, 10, 12, 13mm Sockets
- Ratchet
- Touch-Up Paint
- Scissors
- Metal Cutters/Hole Saw

SKU # TR42345

## STEP 1



Open the vehicle hood. Loosen (1) hose clamp securing the air box lid to the intake tube. Un-clip the (4) air box lid clamps. Unplug the MAF sensor and use a pry tool to dislodge the wiring harness retainers along the air box lid.

Lift and remove the air box lid and air filter from the vehicle.

## STEP 2



Remove (3) 12mm bolts from the intake air box. Remove the air box from the vehicle at this time.

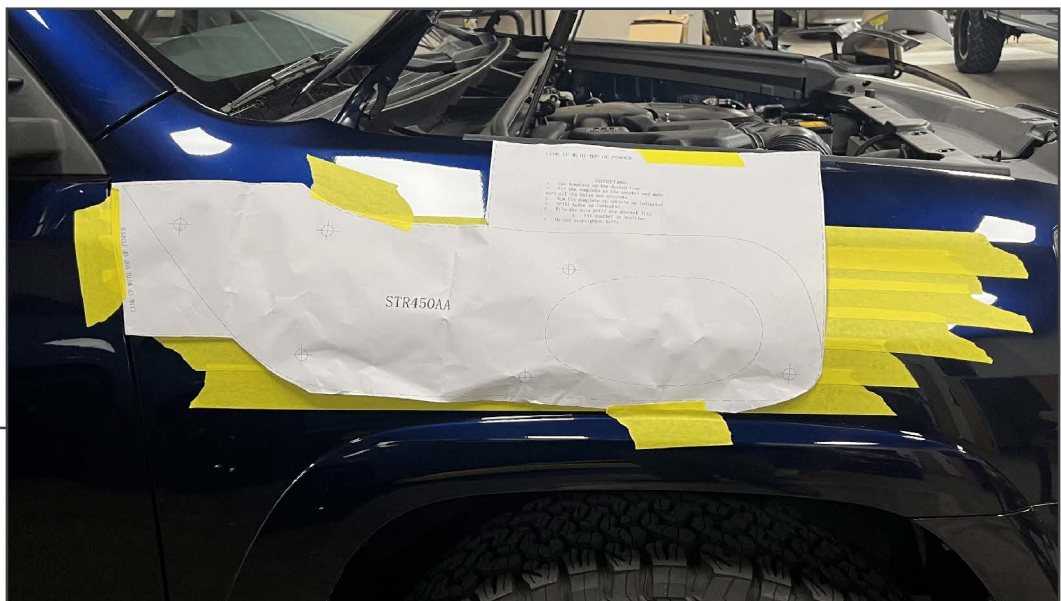




## STEP 3

Lay out and identify all components. Using masking tape, apply tape to the fender surface to prepare for drilling.

Remove the vehicle fender liner and the upper fender cover from the vehicle to access the inside of the fender.



## STEP 4

Cut out the template along the dashed line. Cut out the snorkel hole and each bolt hole. Fit the included template to the vehicle fender. Align the edges to the fender/door edge, as well as the top of the fender edge.

Trace the holes from the template to the masking tape using a marker. Remove the template and use a center punch to indicate the (6) holes. Drill each hole using a 5/16" drill bit. Then, drill/cut the hole for the snorkel tube. Once all holes are drilled, use touch-up paint on any bare metal.

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**STEP 5**

With the fender drilled, remove the template and masking tape.

Fit the included foam gasket to the snorkel using the tape backing. Test fit the snorkel with the studs installed to verify alignment. Expand bolt holes if necessary.

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**STEP 6**

Test fit the snorkel tube to the fender, and locate the approximate location for the upper mounting bracket. Apply masking tape to the vehicle A-Pillar to prepare for upper bracket installation.



**STEP 7**

Mount the upper mounting bracket to the snorkel tube using (2) M6 combo bolts. Then, trace the mounting area of the bracket to the previously placed masking tape. Remove the snorkel tube from the vehicle. Remove the bracket from the snorkel tube.

Use the bracket as bolt hole template by locating the bracket within the previously marked area, and trace the (3) rivet holes. Drill the (3) holes with a 3/16" drill bit, and install the bracket to the A-Pillar using the included (3) rivets.

**STEP 8**

Fit the included intake coupler to the snorkel tube, and secure using (1) large hose clamp. Then, re-install the original air box using the original mounting hardware.

Note: For maximum water resistance, it is recommended to use butyl tape or similar sealant on any/all intake tube holes and connections.



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**STEP 9**

Secure the snorkel to the fender using (6) M8 flat washers and (6) M8 lock nuts. Then, secure the top of the snorkel to the A-Pillar bracket using (2) M6 combo hex bolts. Secure the snorkel top hat to the snorkel tube using (1) small hose clamp.

Installation is now complete.